

U.S. Serial No. 09/667,827
Atty. Docket: 099488-2
Preliminary Amendment

LISTING OF CLAIMS:

Please add new claims 16-25 as indicated below:

16. (New): A dental implant for insertion in the jaw bone of a patient, comprising:
an elongated body having a longitudinal axis and an axial hole, said body having an enlarged end that terminates in a proximal surface generally transverse to said longitudinal axis,
a recess extending into said proximal surface, said recess having a transverse face including an opening that communicates with said axial hole, and generally axial extended side surfaces, and
a plurality of slots penetrating said proximal surface and axially extending at least part way down said side surfaces toward said transverse face, said slots being adapted to engage an insertion device or at least one protrusion of a dental prosthesis or abutment; so as to fix the position of the abutment or crown relative to said implant.
17. (New): A dental implant as in claim 16, wherein said enlarged end of said elongated body is a flange.
18. (New): A dental implant as in claim 16, wherein said recess includes a bevel.
19. (New): A dental implant as in claim 16, wherein said elongated body includes screw threads beneath said enlarged portion that substantially covers the exterior of said body.
20. (New): A dental implant as in claim 16, wherein said recess is substantially cylindrical in shape.
21. (New): A dental implant for insertion in the jaw bone of a patient comprising:
an elongated body having a longitudinal axis and an axial hole, said body having a proximal surface generally transverse to said longitudinal axis;

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a boss extending from said surface, said boss having a transverse face generally axially extended side surfaces, and a polygonal cross section as viewed along said axis, and opposing slots penetrating said transverse face of said boss, said slots being of substantially equal width and mutually aligned with one another.

22. (New): A dental implant as in claim 21, wherein the end of said elongated body having said proximal surface is enlarged relative to the rest of said elongated body.

23. (New): A dental implant as in claim 22, wherein said elongated body is substantially cylindrical, and includes a screw thread circumscribing its exterior.

24. (New): A dental implant as in claim 23, wherein said polygonal cross section is a regular polygon having sides of equal length.

25. (New): A dental implant as in claim 24, wherein said regular polygon is a square.

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